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Calendar Items

October 28, 2005	C&D Landfill Operator’s Training (at Kansas Landfill Association Annual Meeting) Junction City, Kansas
February 2006	CAFO Training
February 22-23, 2006	MSWLF Operators Training Great Bend, Kansas
March 28-30, 2006	WORKS! 2006 Conference Great Bend, Kansas

Solid Waste Update

Kansas Department of Health & Environment

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# Solid Waste Update

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Harvey County’s Integrated Solid Waste Management Facility  
A Leader in Methods to Manage Waste

by Joe Cronin, Bureau of Waste Management

Harvey County, like many other counties, was impacted by the municipal solid waste landfill (MSWLF) regulations developed under Subtitle D. The county did take advantage of the vertical expansion provision and operated a MSWLF until October 2001. The county then began constructing an integrated solid waste management facility (ISWMF) in stages. This facility is directly across the road from the closed MSWLF, which now operates as a construction/demolition (C/D) landfill under permit #119. The facility was started with a recycling building. Subsequently, the county expanded the operations to a transfer station and a composting facility under permit #812 and a household hazardous waste (HHW) facility under permit #828.

The recycling building, which was opened in 1999, receives source separate recyclables; therefore, a solid waste permit is not required. Some of the recyclables come in as a mixed stream. They are then separated on a sorting/picking line on a conveyor system. Items recycled are newsprint, cardboard, glass, plastic, and aluminum and steel cans. The facility is operated by a private business



Harvey County’s SW Management Facility

under contract with the county. When the MSWLF closed in 2001, the transfer station was opened. This building, which is adjacent to the recycling building, has a throughput of 64 tons per day. The facility has a unique feature because the trailer loading tunnel is perpendicular, or at a 90 degree angle, to the unloading floor. This is one of the 64 permitted transfer stations in the state.

The HHW facility was moved to this location when the transfer station opened. It is located between the recycling building and the transfer station. The HHW facility, which was originally permitted in 1992, was located at the county’s weed and pesticide

facility. HHW facilities have separate permits and a new permit (continued on page 5)

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## Kansas E-Waste Plan Under Development

by Bill Bider, Director, Bureau of Waste Management

On June 9, 2005, KDHE hosted a meeting at Kansas State University in Manhattan to initiate the development of a Kansas E-waste management program. Over 30 people representing computer recycling companies, cities, counties, the U.S. EPA, and neighboring states joined KDHE staff to discuss options for a system to recycle, rather than landfill, the growing volume of E-waste. A nationally recognized E-waste expert, Ms. Catherine Wilt, Director of Policy, Center for Clean Products and Technologies at the University of Tennessee, participated in the meeting to help frame the Kansas discussion by providing a summary of what is happening at the national level as well as in other states. Ms. Wilt's information indicated that a national program that met the needs of a rural state like Kansas was not forthcoming. In conclusion, a Kansas plan is needed to ensure that service is available to all 105 counties.

Based upon the meeting and additional written feedback received from the workgroup, KDHE prepared a proposal for a Kansas E-waste management system. This preliminary proposal, that is still under review by stakeholders, combines public and private responsibilities related to collection, processing, and recycling. It requires statutory and regulatory changes and a two to three year phase-in period. Some of the highlights of the proposal are:

- The new E-Waste system will build upon, rather than replace, the E-waste businesses that have developed in recent years.
- Every county would designate an "official" E-waste collection center as part of the solid waste planning process.
- Counties (or their designated public/private collection center) would be eligible for state grants to build the collection centers.
- Counties, or their designated collection centers, would be eligible for reimbursements for the costs of E-waste recycling/disposal.
- Funds for E-waste collection center grants and reimbursement would come from an advanced recovery fee (an excise tax) paid on the retail or Internet sale of selected consumer electronics.
- KDHE would administer the E-Waste program including grants, reimbursements, public education, and facility permitting and inspections.

This proposal is subject to much more review by interested parties and government policy-makers including the Governor's office and the Legislators. There are many other details not included in this brief summary of the initial discussions. If you have questions or comments about the development of a Kansas plan for E-Waste management, please contact Bill Bider (785-296-1612 or [wbider@kdhe.state.ks.us](mailto:wbider@kdhe.state.ks.us)) or Kent Foerster (785-296-1540 or [kfoerste@kdhe.state.ks.us](mailto:kfoerste@kdhe.state.ks.us)).

## Get Caught Recycling!

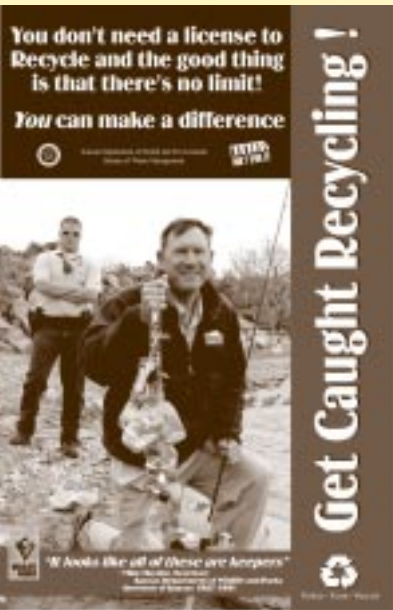


by Rodney Ferguson  
Bureau of Waste Management

A new public outreach campaign will be launched this fall to encourage recycling and proper waste management practices. The campaign entitled '**Get Caught Recycling!**' will feature a poster series of 'famous' Kansans in the act of demonstrating good environmental practices. The series will feature local/regional celebrities or heroes as well. The 'local hero' element will be designed to generate added area interest and visibility.

Plans call for the release of print, radio and TV Public Service Announcements to complement the effort.

The first in the series features former Governor and current Secretary of Wildlife and



Parks Mike Hayden. Other famous Kansans who have participated include Bill Kurtis, Wayne Simien, and Kendra Wecker.

Be sure to forward us your suggestions for who you'd like to see **Get Caught Recycling!**

## New Landfill Public Meeting Policy: To Improve Public Participation in the Landfill Permitting Process

by Marty Burke, Bureau of Waste Management

In response to increasing public concern about new and expanded landfills, the Bureau of Waste Management implemented a new policy to improve public participation in the landfill permitting process. Under the policy, meetings are scheduled early in the application review process to solicit public comments and provide some preliminary technical information about the application. Previously, the public was not officially involved until KDHE had reviewed an application and announced their intention to issue a permit.

During June, landfill public participation meetings were held in Beloit, Shawnee, Sublette, Coffeyville and El Dorado. The scope of the applications covered in the meetings ranged from expanding local construction and demolition landfills to a lateral expansion of the Johnson County Landfill expected to receive municipal solid waste from the Kansas City area for 25 years.

As opposed to a public hearing, the meetings were structured to be very informal to encourage individual discussions. In each meeting, the permit review process was described and Bureau of Waste Management staff were available to discuss the technical aspects of the applications. Public attendance at these meetings was lower than anticipated but much useful information was exchanged.

Based on the experience gained at these initial meetings, a decision was made not to hold this type of preliminary public meeting for all "major" facility modifications as originally specified in the policy. It was also believed that some types of new solid waste facilities other than landfills might warrant a preliminary public meeting because of a high level of public concern.

Under the revised public participation policy, the Bureau of Waste Management will continue to hold meetings for all new landfills, but only hold meetings for major expansions where there is strong public interest or concern. The decision to hold a public participation meeting will be assessed based on direct public comment received by KDHE and by discussions with the applicant and local government officials. There will also be the flexibility to hold meetings for transfer stations, manure or dead animal composting, material recovery facilities or other facilities subject to solid waste permitting requirements where there is strong public interest.



## Waste Tire, HHW, CPI, and SQG Grants

Applications for waste tire grants, household hazardous waste grants, and small quantity generator programs were accepted through August 19, 2005. Competitive Plan Implementation (CPI) grant applications for round #14 were accepted through July 29, 2005. The Governor's Grant Committee will review applications October 5-6 and grant contracts are expected to start November 1.

Competitive Solid Waste Plan Implementation Grants are issued to cities, counties, private companies, and organizations. The grants are periodically awarded in rounds, based on revenues generated by solid waste tipping fees. Click on the links below to see where and how these funds have been used to keep Kansas clean!



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# Updated Kansas Solid Waste Plan Nearly Ready for Publication

by Bill Bider, Bureau of Waste Management

Over the past nine months, KDHE has been working with a group of solid waste stakeholders to update the Kansas Solid Waste Management Plan. That process is about complete. This is the third, five-year plan since the Legislature directed KDHE to prepare a state solid waste plan in 1992. It will be released by late summer or early fall and cover the period from 2005 to 2010.

The updated plan contains important background information about the status of solid waste management in Kansas and the use and availability of resources at the state level to carry out solid waste activities. However, the focus of the plan is a series of new goals and actions. A total of 74 goals, each with one or more associated actions, set the stage for numerous initiatives over the next five years. A significant number of the new goals relate to waste reduction efforts, including 12 recycling goals, six composting goals, and six household hazardous waste goals.

Other important areas addressed by the updated plan include the adequacy of solid waste management facilities, local planning, data collection, public education, new regulations, technical training, illegal dumping, waste tire management, and the use of state resources.

Several emerging issues are also addressed by the state plan. Most notable are e-waste management, livestock disposal caused by foreign animal disease, and the formation of a new Kansas recycling association.

The state plan primarily establishes priorities for KDHE over this time period, but it also sets forth some goals for public and private solid waste service providers. Some KDHE goals, especially those related to new regulations, grants, public education, and technical training, indirectly influence other parties by establishing new requirements or by making new opportunities available.

We encourage everyone who is involved with solid waste management to become familiar with the state plan because it touches virtually every area of waste management. By being familiar with the plan, people can be prepared for upcoming state activities and new programs.

The state plan will be available soon on the KDHE Bureau of Waste Management Web page ([www.kdhe.state.ks.us/waste](http://www.kdhe.state.ks.us/waste)). Copies can be obtained by contacting Ms. Karen Kelley at (785) 296-6171 or by e-mail at [kkelley@kdhe.state.ks.us](mailto:kkelley@kdhe.state.ks.us).

## New Recycling Organization

by Kent Foerster, Bureau of Waste Management

Kansas Organization of Recyclers (KOR – pronounced core) was formed in May and June with interim officers and expects to seek membership and move forward through the rest of this year. Elections are to be held by next year. KDHE has invited KOR to be a major participant in the WORKS! 2006 Conference and will be meeting with KDHE staff later this year. The officers are:

Jo Sanders (Sedgwick County Recycling), President  
Gayle Hunter (Hunter Recycling, Topeka), Vice President  
Kim Nettleton (Shawnee County Recycling), Secretary  
Barbara Poore (Rooks County Recycling), Treasurer



Planning continues for the 12<sup>th</sup> Annual

### WORKS! 2006

Conference on Recycling, Composting, and Household Hazardous Waste to be held March 28-30, 2006 in Great Bend. The conference will be at the Highland Hotel & Convention Center.

The theme of the conference will be “Building Leadership.” A number of roundtable discussions are planned to allow participants to share their knowledge and expertise.

A highlight of WORKS! 2006 will be a special video presentation on the Illegal Dump Program with the clean-up of the largest illegal dump in Kansas – South Hoisington.

Details will be available on our website at [www.kdhe.state.ks.us/waste](http://www.kdhe.state.ks.us/waste). Or, for more information on WORKS! 2006, contact Jim Rudeen at 785-296-1603 or e-mail [jrudeen@kdhe.state.ks.us](mailto:jrudeen@kdhe.state.ks.us).

## Nominations for 2006 Hall of Fame

Do you know someone who has made a major difference in the management of solid waste in Kansas? At this time, we are soliciting nominations for induction into the 2006 Hall of Fame to be announced at the 12<sup>th</sup> Annual Recycling & Composting Works! Conference in Great Bend March 28-30, 2006.

Nominees should have demonstrated consistent exemplary performance over a period of years yielding clear improvements in the management of waste materials. The ideal nominees will have had a positive impact on waste management statewide or at least regionally. Eligible areas of contribution to improved waste management include:

- Landfill or transfer station operations and management
- Waste reduction through recycling, composting and household hazardous waste collection
- Solid waste facility design and/or construction
- Technical training for facility operators
- Public education including student outreach programs
- Regionalization of solid waste services

To obtain a nomination form or information, visit our website at [www.kdhe.state.ks.us/waste](http://www.kdhe.state.ks.us/waste) or contact us at 785-296-1600 or 1-800-282-9790.



[www.kdhe.state.ks.us/waste](http://www.kdhe.state.ks.us/waste)

## Get to Know KDHE Solid Waste Staff

We have decided to start a column to help you get to know staff members in the Bureau of Waste Management. The questions used in this article will help you better understand his/her background and their current interests. The first person participating in this series is Dennis Degner.



<b>Position in KDHE/BWM:</b>	Chief, Solid Waste Permits Section
<b>Birthplace:</b>	Janesville, Wisconsin
<b>Education:</b>	U. of Wisconsin-Platteville, BSCE, 1965 U. of Minnesota, MSCE (Environmental Option), 1968 U. of Kansas, Ph.D. in Environmental Health Engineering, 1974
<b>Came to Kansas:</b>	Lawrence in 1969
<b>Other job experience:</b>	Commissioned officer in the U.S Public Health Service and U.S. EPA, 1966-1987 Burns & McDonnell Engineering Company, 1987-1996
<b>Favorite pastime activities:</b>	Walking and jogging for fitness, reading, and taking our two grandchildren to educational and entertainment facilities and events in the Overland Park and Wichita areas
<b>Favorite food:</b>	Ground beef barbeque sandwiches as made by Mrs. Degner
<b>Persons who influenced your life significantly:</b>	Jess Sherman, my high school chemistry and physics teacher, (to attend college to earn an engineering degree) and Don Townley, my first supervisor and Captain in the U.S. Public Health Service (regarding my professional career)
<b>Person dead or alive you wished you could meet:</b>	Dr. Kenneth Cooper, the father of aerobics and the fitness movement
<b>Book you would recommend:</b>	Aerobics Program for Total Well-Being by Dr. Kenneth Cooper
<b>Vacation spot you would recommend:</b>	Wisconsin Dells, Wisconsin

# Bureau of Waste Management Working Under Homeland Security Grant

by Ron Smith, Bureau of Waste Management

Over the past four years the Kansas Animal Health Department (KAHD) has conducted emergency planning exercises to prepare for an outbreak of a Foreign Animal Disease (FAD). These exercises have shown that additional planning is needed for the disposal of the carcasses generated during the effort to control the spread of a FAD. In January 2004 the KAHD and the Bureau of Waste Management (BWM) presented workshops to aid Confined Animal Feeding Operation (CAFO) owners, operators and consultants in the selection of appropriate sites for emergency disposal.

In the fall of 2004, BWM obtained a grant from the Office of Homeland Security to help the CAFO owners with this very important project. Under this grant, BWM hired two contract employees to help the CAFO owners complete applications, select appropriate sites, and obtain GPS points for the site locations. The initial KAHD list contains 527 CAFOs. Currently, 54 applications have been approved and another 90 have begun the approval process.

Once an application receives approval, this information is compiled in a database which can be accessed in the event a FAD outbreak.



# South Hoisington Illegal Dump Clean-Up

by Bob Medina, Bureau of Waste Management

During the latter part of 2003, the Bureau of Waste Management received a complaint from a Hoisington citizen. This individual was concerned that his children and others living close by might get hurt playing around all the junk and solid waste that had accumulated in an area south of town known as South Hoisington. Some people may remember the tornado of 2001 and the destruction it brought to this little town 11 miles north of Great Bend in Barton County. Some may think the South Hoisington problems are a result of the 2001 tornado, but that tornado hit the north end of town. The South Hoisington problems are a result of years of illegal dumping and neglect.

For the next year, the Hoisington City Council and the Barton County Commissioners discussed the possibility of using KDHE's Illegal Dump Clean Up Program to improve the area. Once a decision was made to proceed with the clean up, 78 property owners were contacted for permission to come onto their property to complete the clean up. Landowners signed legal documents to allow Barton County to perform clean-up activities on their properties. A work plan was designed by Barton County; bids were solicited; and work began in August 2005.

Two surrounding counties, McPherson and Pratt, have agreed to assist with the project by providing a grinder for tree and brush clean up. The mulch generated will be given to Barton County residents.

Many hours of planning have taken place between Barton County, the City of Hoisington, Hoisington landowners, and the Bureau of Waste Management. The goal for this project is to properly clean up each site with all waste taken to the proper permitted waste facilities by the end of 2005. BWM will have an update in the next Solid Waste Newsletter.



# BWM Organizational Changes

by Jim Rudeen, Bureau of Waste Management

If you have recently called into the Bureau of Waste management, you may have spoken to some familiar voices in new roles.

Upon the departure of John Mitchell (who was recently promoted to Director of KDHE's Bureau of Field Services), the BWM underwent a re-organization to better align services. Although some staff will have new supervision, job functions have remained unchanged for the majority of those affected by the organizational moves.

The bulk of John's old section, Data Management and Compliance and Enforcement, was combined with Jim Rudeen's Waste Reduction, Planning and Outreach Section to form a new Waste Reduction, Compliance and Enforcement Section. Jim Rudeen will serve as chief of the new section. A majority of the combined section's old duties will remain in the new section, with a few exceptions.

Marty Burke will continue to manage solid waste planning, but the program has been transferred to Dennis Degner's Solid Waste Permitting and Planning Section. Christine Mennicke will continue to work on policy/regulation development, database management and RCRA grant authorization, but she will now also oversee the statewide Tonnage Fee program. Christine will direct report to Bureau Director Bill Bider. Rebecca Wenner will continue as chief of the Compliance and Enforcement Unit, and Jeannie McCorkle will continue as chief of the Data Management Unit. Their duties are unchanged. Kent Forester will serve as Chief of the new Waste Reeducation, Grants and Public Education Unit. He will assume new responsibilities for Public Education and Household Hazardous Waste Program oversight in addition to maintaining his duties in Market Development and Grants. The Illegal Dump and Special Waste Disposal Authorization programs will remain under Jim Rudeen in his new section. John Mitchell's old position was transferred to the Landfill Permitting Unit to provide help in this very busy area.

If you have any questions on the recent re-organizations at BWM, contact Jim Rudeen at 785-296-1603 or e-mail jrudeen@kdhe.state.ks.us.

# Harvey County's SW Management Facility

(continued from page 1)

was required due to the location change. The original HHW facility has been officially closed as the result of a closure inspection by the department.

The composting facility was permitted in 2004 and is located east of the transfer station. The county constructed a one acre pad that was compacted and sloped to drain storm water to a catchment basin. The site also has a curing area for composted material. County officials and

personnel have recently requested doubling the size of this facility because of increased composting activities.

The C/D landfill began recycling waste material in 2003. Incoming waste is screened for unacceptable items and separated. Asphalt shingles are ground for road base material and other waste materials are sorted and processed for reuse.

In late March, Harvey County hosted the 2005 WORKS! Conference at Bethel College in North Newton. Attendees were able to view composting, recycling, MSW transfer, and

HHW collection operations all in one location. This tour event demonstrated to all attendees how Harvey County successfully operates a high quality ISWMF.

In summary, Harvey County has always been a leader in investigating new methods to manage waste and to minimize waste disposal. They have investigated MSW composting, incineration, and energy recovery. BWM commends the Harvey County Commissioners, Administrator, and Facility Manager for their forward thinking in their effort to manage solid waste in a cost-effective manner.